

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*In re* Application of: ) Group Art Unit: 1652  
Y. Xiao *et al.* ) Examiner: D. Ramirez  
Serial No.: 09/879,792 ) Docket No. 002973.00035  
Filed: June 13, 2001 )

**For: REGULATION OF HUMAN TRANSMEMBRANE SERINE PROTEASE**

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Assistant Director of Patents and Trademarks  
Washington, D.C. 20231

Sir:

This paper is filed in response to the Office Action mailed September 10, 2002. We believe no fee is due to make this response timely filed. If a fee is due, please charge Deposit Account No. 19-0733. Appendix I is a marked up version of the amended claims and paragraphs to show the changes made.

**IN THE CLAIMS**

Cancel claims 16-21, 25, 26, 28-61, 65-68, 72, and 73. Please amend claims 1, 6, 11, 22, 27, 62, and 69.

1. (Amended) A cDNA encoding a polypeptide comprising an amino acid sequence selected from the group consisting of (a) the amino acid sequence shown in SEQ ID NO:12 and (b) the amino acid sequence encoded by a cDNA insert contained within plasmid pCRII-TMSP3 (ATCC Accession No. PTA-3433).